



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
1070 Technology Drive
Nokomis, FL 34274

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "HS 710" Aluminum Horizontal Sliding Window-Impact Resistant

APPROVAL DOCUMENT: Drawing No.4112, titled "Aluminum Horizontal Sliding Window", sheets 1 through 4 of 4, prepared, signed sealed by Robert L. Clark, P.E., dated 5/22/02 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

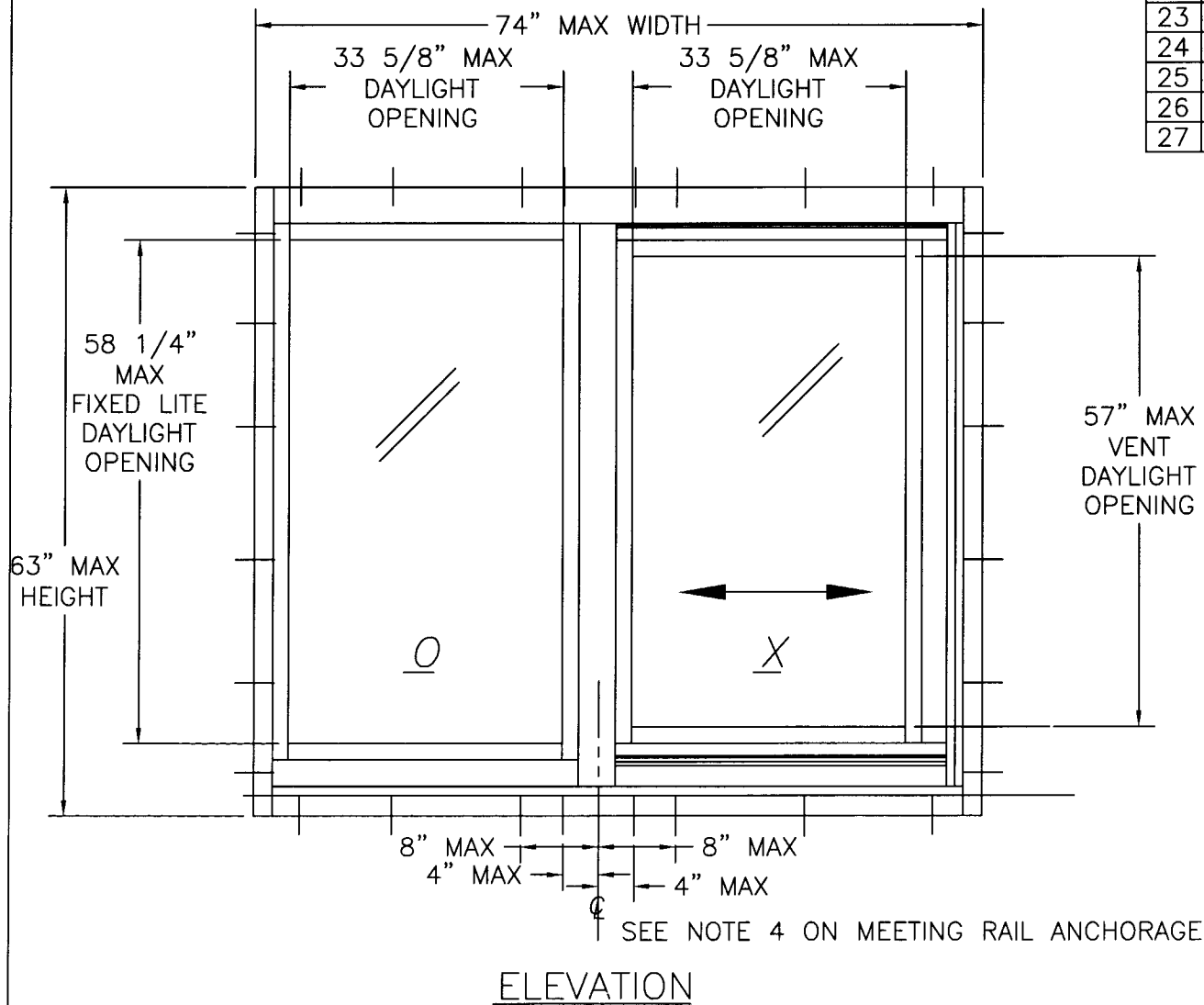
This NOA **revises NOA # 99-0204.03** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



NOA No 02-0305.02
Expiration Date: May 20, 2007
Approval Date: June 27, 2002
Page 1

LARGE MISSILE IMPACT WINDOWS

1. GLAZING OPTIONS: ALSO SEE TABLE BELOW AND GLAZING DETAILS SHT. 2.
5/16" (.350) LAMINATED USING MONSANTO SAFLEX PVB OR
DUPONT W/ BUTACITE INTERLAYER BETWEEN (2) LITES OF:
A. 1/8 ANNEALED GLASS
B. 1/8 HEAT STRENGTHENED GLASS
2. CONFIGURATIONS: XO or OX
3. DESIGN PRESSURE RATING: SEE TABLE
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE & GLASS
TABLES ASTM E 1300-98.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE & GLASS
TABLES ASTM E 1300-98.
4. ANCHORAGE: SINGLE ROW OF FASTENERS LOCATED AS FOLLOWS & PER SHT 3.
HEAD & SILL:
MAX. 6" FROM CORNERS.
MAX. 4" & 8" ON EACH SIDE OF MEETING RAIL CENTERLINE.
MAX. 15" SPACING.
JAMBS:
MAX. 6" FROM CORNERS.
MAX. 12 1/2" SPACING.
5. SHUTTER REQUIREMENT: NO SHUTTERS REQUIRED.
6. REFERENCE TEST REPORT: FTL-1969



| ITEM | DESCRIPTION | V.T. # | QTY./LOCATION | VENDOR | VENDOR # |
|------|---|---------|---|-----------------------|------------|
| 1 | FLANGE FRAME JAMB (Alum. 6063-T5) | 612225 | 2 | ALUMAX | AF-12225 |
| 2 | FIXED MEETING RAIL (Alum. 6063-T5) | 612228 | 1 | ALUMAX | AF-12228 |
| 3 | SASH MEETING RAIL (Alum. 6063-T5) | 612229 | 1 | ALUMAX | AF-12229 |
| 4 | SASH SIDE RAIL (Alum. 6063-T5) | 612230 | 1 | ALUMAX | AF-12230 |
| 5 | GLAZING BEAD (Alum. 6063-T5) | 6534571 | 8 | ALUMAX | AF-534571 |
| 6 | WINDLOAD ADAPTER (Alum. 6063-T5) | 612236 | 1 (@ midspan of frame sill) | ALUMAX | AF-12236 |
| 7 | FLANGE FRAME HEAD (Alum. 6063-T5) | 612237 | 1 | ALUMAX | AF-12237 |
| 8 | FLANGE FRAME SILL (Alum. 6063-T5) | 612238 | 1 | ALUMAX | AF-12238 |
| 9 | FRAME SILL ADAPTER (Alum. 6063-T5) | 612239 | 1 | ALUMAX | AF-12239 |
| 10 | SASH TOP/BOT. RAIL (Alum. 6063-T5) | 612240 | 2 | ALUMAX | AF-12240 |
| 11 | SCREEN RETAINER (Alum. 6063-T5) | 6532377 | 1 | ALUMAX | AF-532377 |
| 12 | 5/16" (.350) LAMINATED USING (2) 1/8" ANNEALED GLASS | | | | |
| 13 | 5/16" (.350) LAMINATED USING (2) 1/8" HEAT STRENGTHENED GLASS | | | | |
| 14 | ANTI-LIFT CHANNEL (Alum. 6063-T5) | 612244 | 1 (@ midspan of vent) | ALUMAX | AF-12244 |
| 15 | #10 x 1.000 Ph. Fl. SMS | 710X1 | 4 (Windload Adapter screws) | FASTEC | |
| 16 | #6 x 1.000 PH. PAN SMS | 76X1PPA | 2 (for anti-lift channel) | MERCHANTS FASTENER | |
| 17 | WEATHERSTRIP, THIN WALL BULB VINYL | 6TP247 | 8 (1 per Glazing Bead) | TEAM PLASTICS | TP-247 |
| 18 | #8 x .500 PHIL. FI SMS | 7856A | 2 (Sweep Latch screws) 4 (when using 2 Sweep Latches) | MERCHANTS FASTENER | |
| 19 | #8 x 1.000 PHIL. P.H. SMS | 781PQA | 22 (Frame/Vent assy. screws) | MERCHANTS FASTENER | |
| 20 | SWEEP LATCH | 71096 | 1 (11.5" from ends-vent mtg. rail) 2 (if height is >= 42") | MINIATURE DIE CASTING | PGT.214.XX |
| 21 | WEEP HOUSING | 70250 | 3 (1 @midspan/2 1/4" from ends) | MASTER TOOL | 7-M10-250 |
| 22 | WEEP FLAP | 70251 | 3 (1 @midspan/2 1/4" from ends) | MASTER TOOL | 7-M10-251 |
| 23 | ROLLER HOUSING | | 2 (@ ea. end of vent top rail) | MASTER TOOL | 70312 |
| 24 | BRASS WHEELS | 7BRWHL2 | 4 (2 per Roller Housing) | VINYL-TECH/P.G.T. | |
| 25 | WEATHERSTRIP - PILE\FINSEAL | 61062W | 2 (@vent top/bot rails & mtg. rail) | SCHLEGEL CORP. | FS7826-187 |
| 26 | SILICON | 62899 | | DOW CORNING | 899 |
| 27 | WEATHERSTRIP, BULB VINYL | 6TP249 | 1 (@ vent jamb rail) | TEAM PLASTICS | TP-249 |

| | | | | | |
|--|---------------|--------|--------|--------|--------|
| DESIGN PRESSURE RATING: -75 P.S.F +66.7 P.S.F. | | | | | |
| GLASS TYPE A OR B DETERMINATION (SEE NOTE 1) | | | | | |
| WINDOW | WINDOW HEIGHT | | | | |
| WIDTH | 26.000 | 38.375 | 44.000 | 50.625 | 63.000 |
| 26.500 | A | A | A | A | A |
| 37.000 | A | A | A | A | A |
| 44.000 | A | A | A | A | B |
| 53.125 | A | A | B | B | B |
| 63.000 | A | B | B | B | B |
| 74.000 | A | B | B | B | B |

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

| | | |
|----------------|---------------|-------------------------------|
| Revsd By: F.K. | Date: 11/5/01 | Revisions: UPDATE FOR RENEWAL |
| Revsd By: F.K. | Date: 1/29/99 | Revisions: C-NO CHG THIS SHT |
| Drawn By: D.B. | Date: 2/16/98 | |

Description:
OX ELEVATION & B.O.M. (LG. MISSILE)

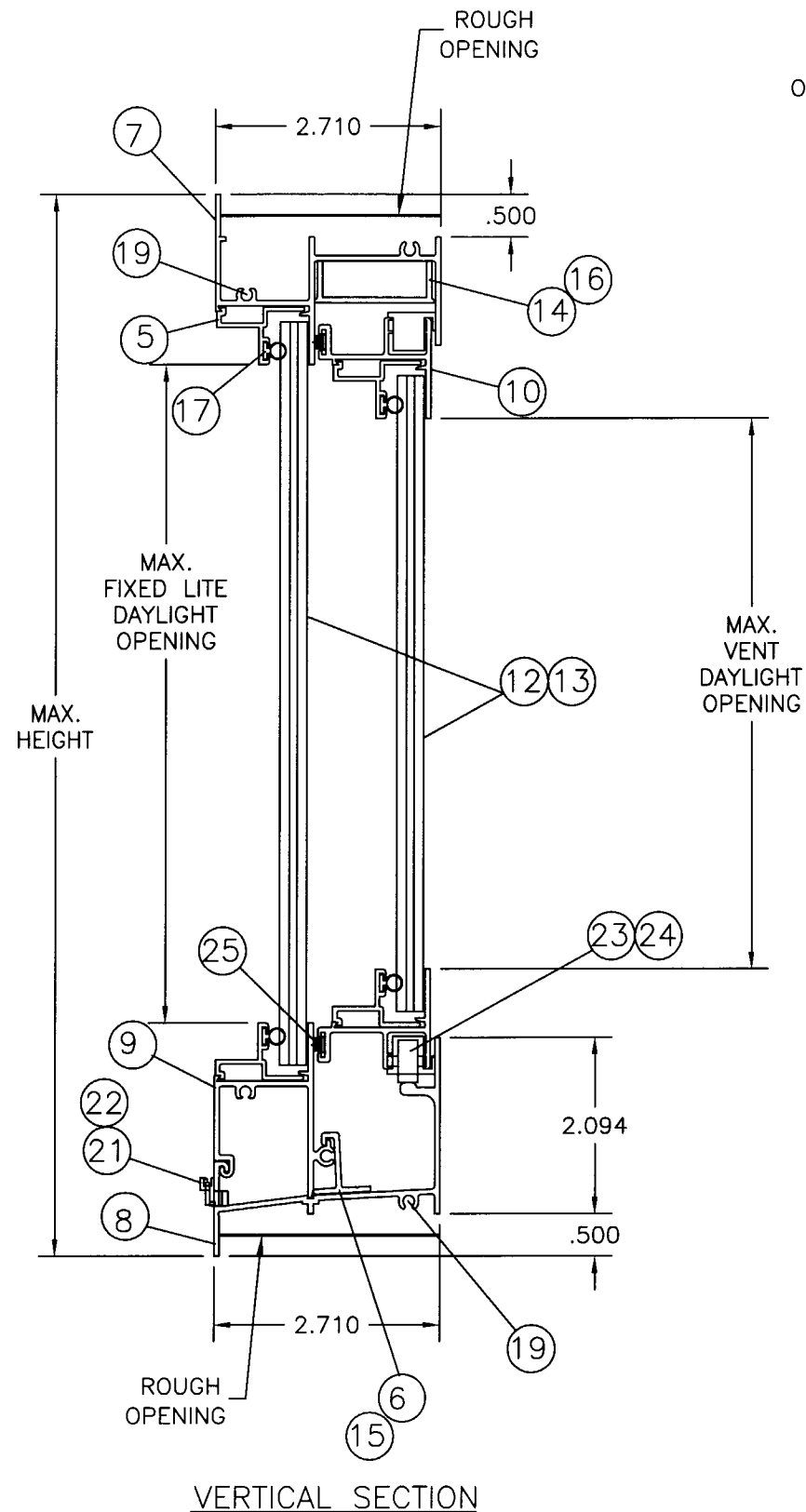
Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

| | | | | |
|-------------------------|---------------|------------------|---------------------|-----------|
| Series/Model: HS-710 | Scale: NTS | Sheet: 1 of 4 | Drawing No. 4112 | Rev: C |
|-------------------------|---------------|------------------|---------------------|-----------|

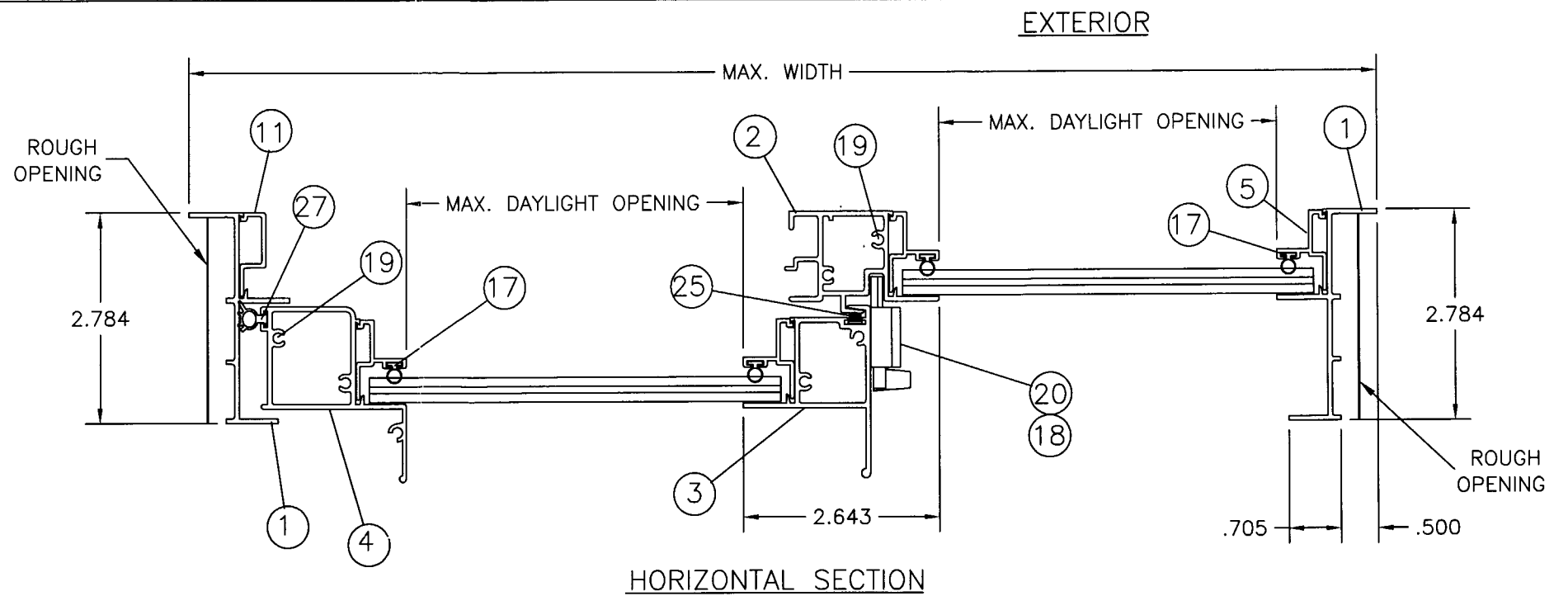
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0305.02
Expiration Date 03/20/07

By:
Miami Dade Product Control
Division

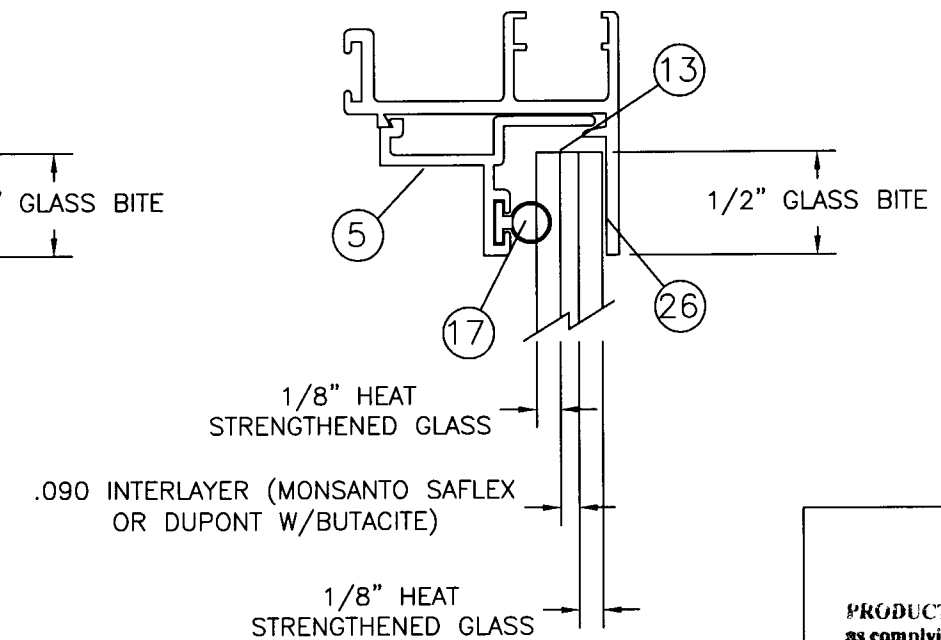
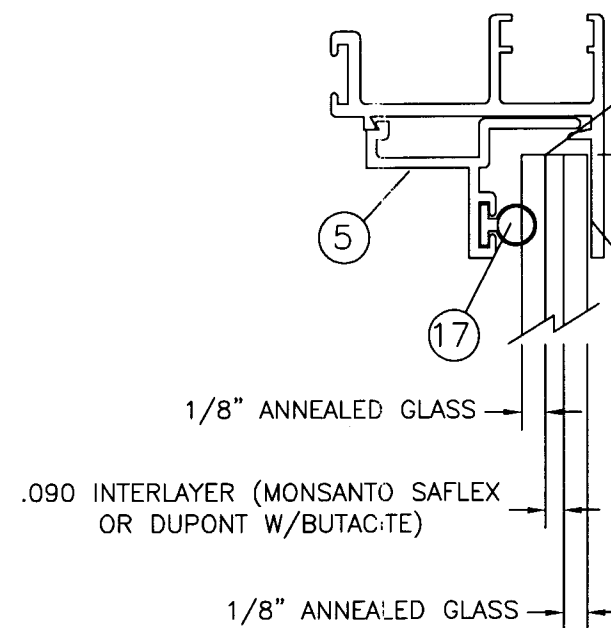
EXTERIOR



VERTICAL SECTION



HORIZONTAL SECTION



GLAZING DETAILS: 5/16" (.350) LAMINATED GLASS

Robert L. Clark
5/24/07

Robert L. Clark, P.E.
PE #39712
Structural

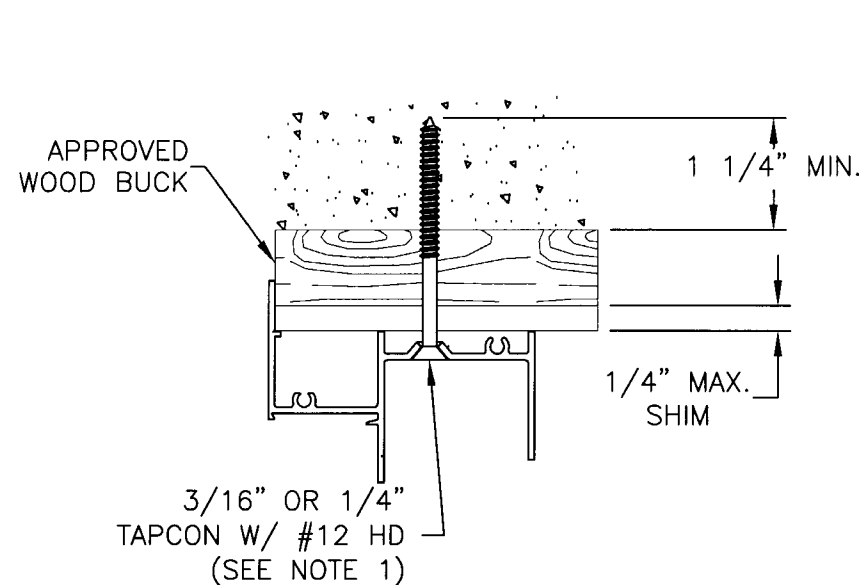
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1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

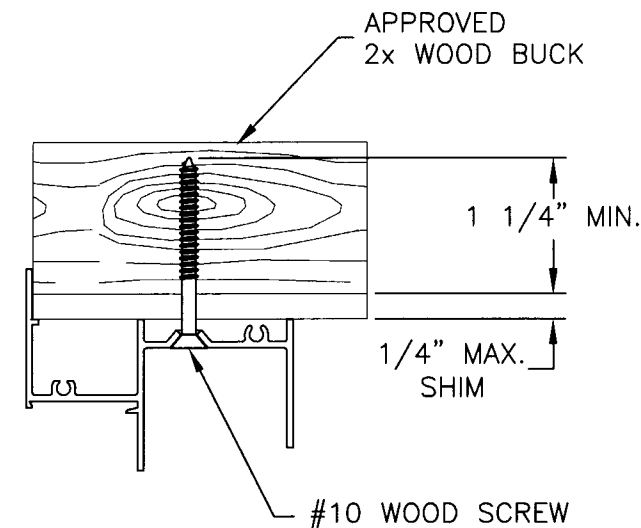
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| Revsd By: F.K. | Date: 5/22/02 | Revisions: C-NO CHG THIS SHT |
| Drawn By: D.B. | Date: 2/16/98 | |

| | | | | |
|--|---------------|------------------|---------------------|-----------|
| Description: SECTIONS & GLAZING DETAIL | | | | |
| Title: ALUMINUM HORIZONTAL SLIDING WINDOW | | | | |
| Series/Model: HS-710 | Scale: NTS | Sheet: 2 of 4 | Drawing No. 4112 | Rev: C |

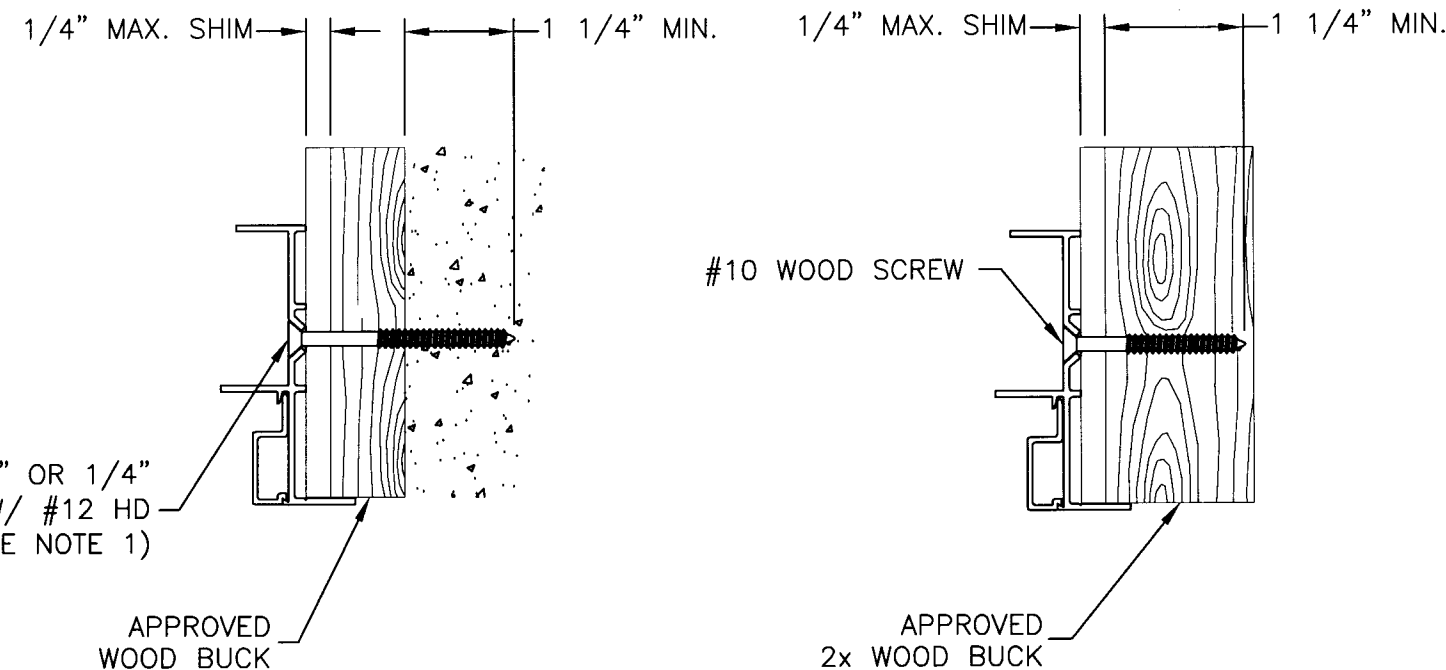
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0305.02
Expiration Date 05/20/07
By *[Signature]*
Miami Dade Product Control
Division



TYPICAL HEAD SECTION
SUBSTRATE ANCHORING

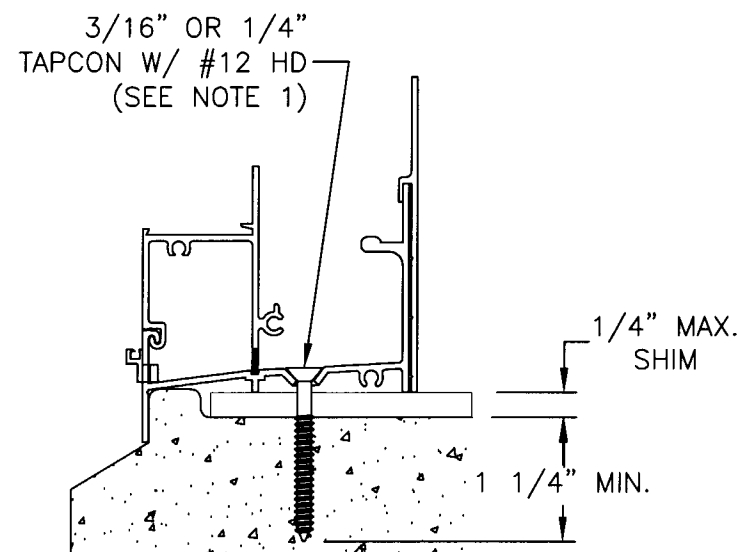


TYPICAL HEAD SECTION
WOOD ANCHORING

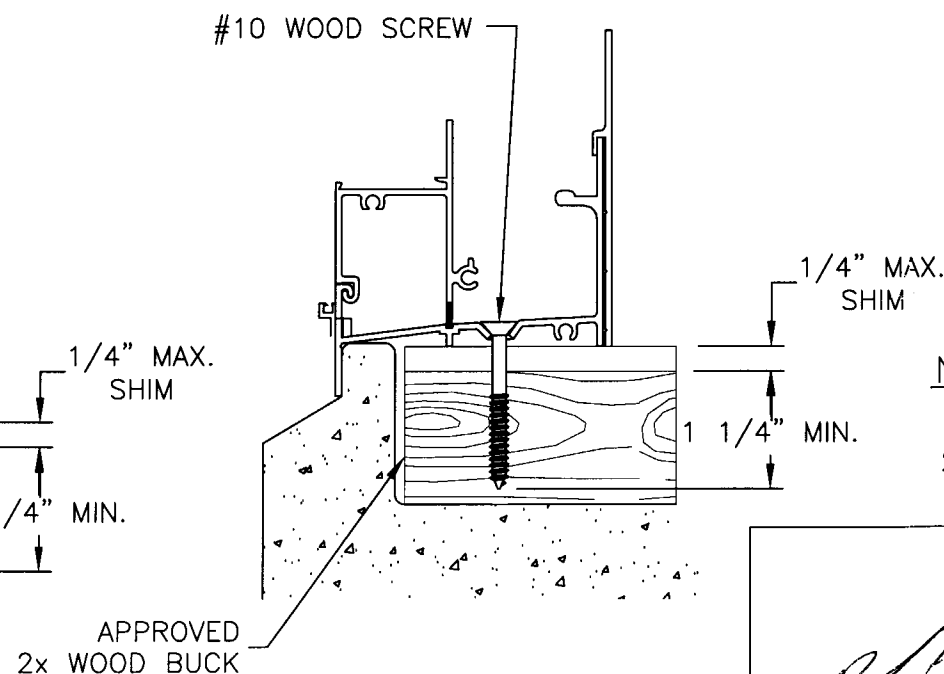


TYPICAL JAMB SECTION
SUBSTRATE ANCHORING

TYPICAL JAMB SECTION
WOOD ANCHORING



TYPICAL SILL SECTION
SUBSTRATE ANCHORING



TYPICAL SILL SECTION
WOOD ANCHORING

NOTES:

1. USE ONLY MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.
2. REFERENCE TEST REPORT: FTL-1969

Robert L. Clark
5/22/02

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

| | | |
|-------------------|------------------|---------------------------------|
| Revsd By: F.K. | Date: 11/5/01 | Revisions: UPDATED |
| Revsd By: F.K. | Date: 5/22/02 | Revisions: FIX TAPCON DESIG. |
| Drawn By: D.B. | Date: 2/16/98 | |

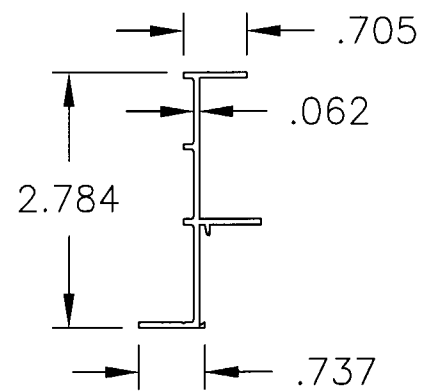
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ANCHORAGE

Title:
ALUMINUM HORIZONTAL SLIDING WINDOW

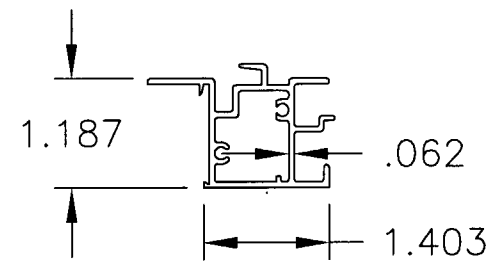
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| Series/Model: HS-710 | Scale: NTS | Sheet: 3 of 4 | Drawing No. 4112 | Rev: C |
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PRODUCT REVISED
as complying with the Florida
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Expiration Date 05/20/07

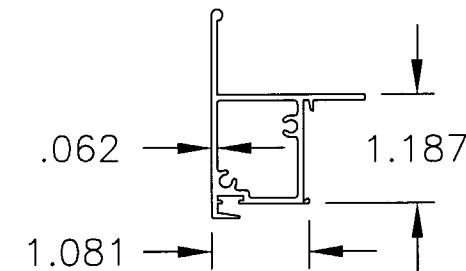
By: *[Signature]*
Miami Dade Product Control
Division



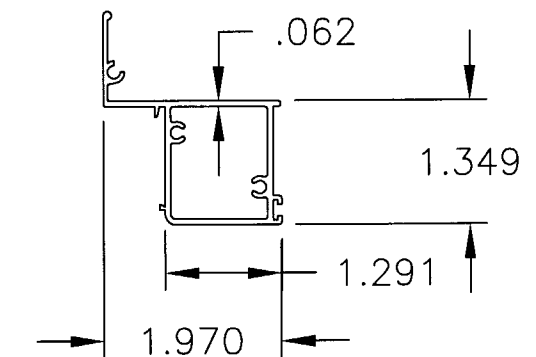
① FLANGE FRAME JAMB
6063-T5 ALUM.



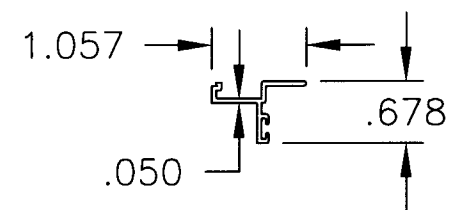
② FIXED MEETING RAIL
6063-T5 ALUM.



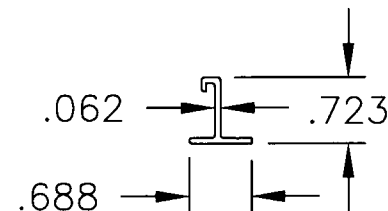
③ SASH MEETING RAIL
6063-T5 ALUM.



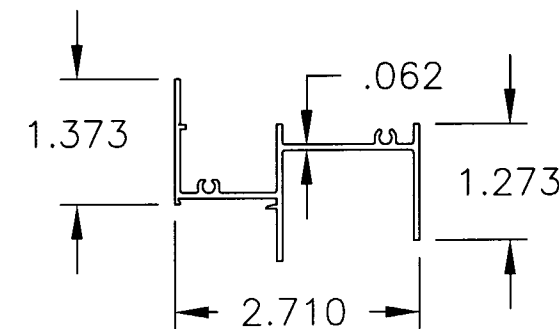
④ SASH SIDE RAIL
6063-T5 ALUM.



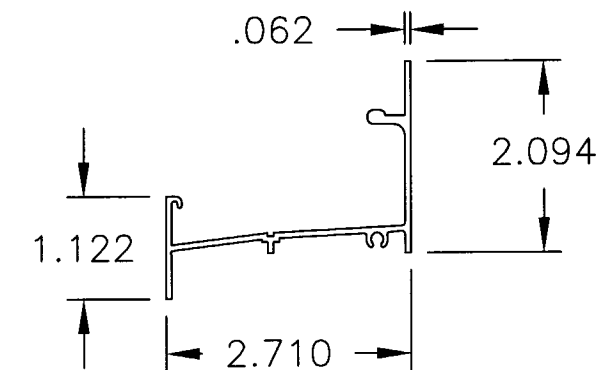
⑤ 5/16" GLAZING BEAD



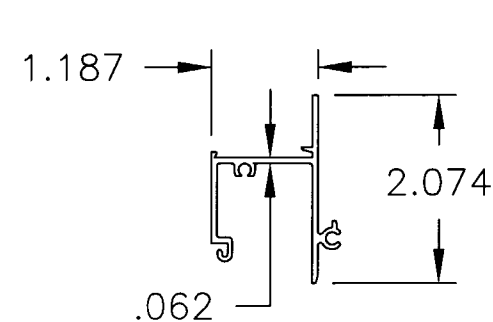
⑥ WIND LOAD ADAPTER
6063-T5 ALUM.



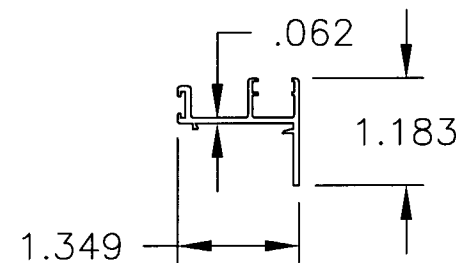
⑦ FLANGE FRAME HEAD
6063-T5 ALUM.



⑧ FLANGE FRAME SILL
6063-T5 ALUM.



⑨ FRAME SILL ADAPTER
6063-T5 ALUM.



⑩ SASH TOP & BOTTOM RAIL
6063-T5 ALUM.

REFERENCE TEST REPORT: FTL-1969

| | | | | | |
|---|--|---|---|---------------------|-----------|
| 5/22/02 Robert L. Clark, P.E. PE #39712 Structural | 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274 | Revsd By: F.K. Date: 11/5/01 Revisions: ADDED SHT | PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 02-0305.02 Expiration Date 05/20/03 By: Miami Dade Product Control Division | | |
| | | Revsd By: F.K. Date: 5/22/02 Revisions: C-NO CHG THIS SHT | | | |
| Description: EXTRUSION PROFILES | | Title: ALUMINUM HORIZONTAL SLIDING WINDOW | | | |
| Series/Model: HS-710 | | Scale: NTS | Sheet: 4 of 4 | Drawing No. 4112 | Rev: C |